

IN THE CLAIMS:

Please amend the claims as shown below.

1. (Currently amended) A device restoration system, for restoring a client device to a state prior to a major failure, comprising:

a server device;

a network communicatively interconnecting the client device and the server device;

a storage manager accessible to the server device for saving the state, wherein the state includes ~~a machine configuration state~~ client disk configuration information; and

a network boot in which the server device causes the client device to boot.

2. (Currently amended) A method of restoring a client device of a network on failure of the client device, wherein the network includes a server computer, comprising the steps of:

booting the client device via a network boot;

creating a boot program for operation on the client device;

configuring the client device according to the boot program and a saved configuration state including client disk configuration information;

copying a file to the client device in accordance with a configuration from the step of configuring.

3. (Original) The method of claim 2, wherein the steps of booting, creating, configuring, and copying are performed through communications over the network between the client device and the server computer.

4. (Original) The method of claim 2, wherein the step of booting is performed by a boot server of the network.

5. (Original) The method of claim 2, wherein the step of creating is performed by the server computer and the boot program is communicated to the client device
6. (Original) The method of claim 2, wherein the step of configuring the client device is performed by a file server of the network and a storage manager.
7. (Original) The method of claim 2, wherein the step of copying is performed by a storage manager server of the network.
8. (Original) The method of claim 2, further comprising the step of:
storing an image of the client device via a storage manager application of a server device of the network.
9. (Original) The method of claim 8, wherein the step of storing is performed by a standard storage manager application and includes backup of the configuration state of the client computer.
10. (Original) The method of claim 9, wherein the step of booting is performed by a boot server of the network; the step of creating is performed by a restore server of the network; the step of configuring is performed by a file server of the network and a storage manager server of the network; and the step of copying is performed by the file server and the storage manager.
11. (Currently amended) A method of restoring a client device of a network, the network including a server device having a storage manager application, comprising the steps of:
backing up configuration data including client disk configuration information, as ~~well~~ well as application and data files, by the storage manager application;
and
restoring the backed up configuration data, as well as application and data files, from the step of backing up, to the client device over the network.

12. (Original) The method of claim 11, further comprising the step of: booting the client device via a standard network boot.
13. (Original) The method of claim 12, further comprising the step of:
supplying to the client device a boot program; and
using the boot program at the client device to perform the step of restoring.
14. (Original) The method of claim 11, wherein the client device is remote from the storage manager application.
15. (Original) The method of claim 12, wherein the step of booting is initiated remote from the client device.
16. (Currently amended) A device restoration system, for restoring a client device to a state prior to a major failure, comprising:
a controlling device connected to the client device, for resetting the client device;
a storage manager communicatively connected to the client device, for saving the state, wherein the state includes ~~a machine configuration state~~ client disk configuration information; and
a boot program for operating the client device, communicatively connected to the storage manager, and causing the client device to boot with the state.
17. (Currently amended) A method of restoring a client device on failure of the client device, comprising the steps of:
saving a state of the client device, including client disk configuration information, prior to the failure;
resetting the client device;
booting the client device; and
configuring the client device according to the state from the step of saving.

18. (New) A system comprising:
 backup software; and
 a restoration server;
wherein the backup software is configured to create one or more backups of a client device,
 wherein at least one backup of the one or more backups comprises client disk
 configuration information; and
wherein, following a failure of the client device, the restoration server is configured to:
 perform a network boot of the client device; and
 restore a client disk configuration using the client disk configuration information.
19. (New) The system of claim 18, wherein the restoration server is further configured
to copy a boot image to the client device over a network.
20. (New) The system as recited in claim 18, wherein the restoration server is further
configured to mount one or more files at the client device over a network.
21. (New) The system as recited in claim 20, wherein the one or more files include an
operating systems configuration file.
22. (New) The system as recited in claim 18, wherein the restoration server is further
configured to reestablish one or more logical volumes at the client device.
23. (New) The system as recited in claim 18, wherein the restoration server is further
configured to set up one or more file systems at the client device.